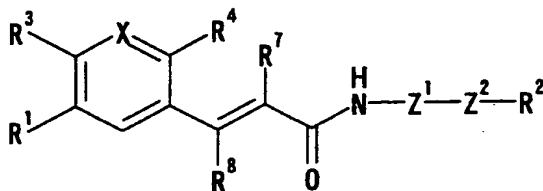


ABSTRACT

A compound represented by the formula:



wherein R¹ is a 5- or 6-membered ring; R³ is a hydrogen atom, a lower alkyl group or a lower alkoxy group; R⁷ and R⁸ are
5 each a hydrogen atom or a lower alkyl group; Z¹ is another 5- or 6-membered aromatic ring; Z² is a group represented by -Z^{2a}-W¹-Z^{2b}- [wherein Z^{2a} and Z^{2b} are each O, S(O)_m (wherein m is 0, 1 or 2), an imino group or a bond, and W¹ is an
alkylene chain]; X is CR (wherein R is a hydrogen atom, a
10 lower alkyl group, a lower alkoxy group, an acyl group, or R and adjacent R⁴ may form a 5- or 6-membered alicyclic heterocyclic group) or N; R⁴ is NR⁵R⁶ (wherein R⁵ and R⁶ are each a hydrogen atom, a hydrocarbon group, a heterocyclic group or an acyl group), or R⁵ and R⁶ are bonded to each
15 other to form a heterocyclic group of NR⁵R⁶; and R² is (1) an amino group which may be a quaternary ammonium or oxide, (2) a nitrogen-containing heterocyclic group which may contain a sulfur atom or an oxygen atom as the ring-constituting atom, in which the nitrogen atom may be converted to a quaternary
20 ammonium or an oxide, or the like;

or a salt thereof.

The compound has excellent CCR5 antagonistic activity and thus is useful as a prophylactic and/or therapeutic medicine for HIV infection into human peripheral blood

5 monocyte, especially for AIDS.